

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 20277  
Randall J. CALISTRI-YEH, et al. : Confirmation Number: 5370  
Application No.: 10/823,685 : Group Art Unit: 2129  
Filed: April 14, 2004 : Examiner: Benjamin J. BUSS

For: CONSTRUCTION OF TRAINABLE SEMANTIC VECTORS AND CLUSTERING,  
CLASSIFICATION, AND SEARCHING USING A TRAINABLE SEMANTIC VECTOR

**RESPONSE UNDER 37 CFR 1.116**  
**EXPEDITED PROCEDURE**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The Amendment and Remarks are submitted in response to the Final Office Action dated November 2, 2006. Please amend the above-identified application as follows.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks / Arguments** begin on page 9 of this paper.